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What is claimed is:

1. A method for migrating a user from a source server module providing a content stream to said user, said content stream divided into a plurality of extents, said method comprising the steps of:

determining, for said content stream being provided to said user, a transitional extent defining an appropriate first extent to be provided to said user via a destination server module;

determining if said destination server module is capable of providing said transitional extent to said user within a first time period; and

causing said destination server module to provide said transitional extent and subsequent extents associated with said content stream to said user.

- 15 2. The method of claim 1, wherein said first time period comprises a transitional extent deadline determining the time at which said transitional extent must be retrieved from a storage device.
 - 3. The method of claim 1, wherein said second step of determining comprises the steps of:

communicating at least said transitional extent including a transitional extent deadline to said destination server module; and

evaluating a message received from said destination server module, said message comprising one of a rejection, an acceptance and a modified acceptance of a migration of said user to said destination server module.

- 4. The method of claim 3, wherein in the case of a rejection of the migration of said user to said destination module, an alternate destination server module is selected.
- 5. The method of claim 3, wherein in the case of an acceptance message, said method further comprises the steps of:

determining whether said transition extent deadline has passed;

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and, in the event of said transition extent deadline having passed, repeating steps (a) through (c).

- 6. The method of claim 5, wherein in response to said transition extent deadline not having passed, stopping output and sending a trigger message to said destination server module.
- 7. The method of claim 6, further comprising the step of waiting for a response message from said destination server module; and

in response to an error indicative response message, selecting an alternative destination server module.

- 8. The method of claim 3, wherein in response to a modified acceptance message, said method performs the steps of:
- selecting a new transition extent in the case of said modified acceptance being appropriate; and

selecting an alternative destination server module if said modified acceptance is inappropriate.

- 20 9. The method of claim 4, wherein said alternate extent is selected to cause a repetition in content preparation.
 - 10. The method of claim 1, wherein said transitional extent is entered at an extent boundary.
 - 11. The method of claim 10, wherein said transitional extent is entered at a packet including an asserted discontinuity flag.
- 12. The method of claim 1, wherein said transitional extent is determined with respect to a packet offset parameter comprising an asserted discontinuity flag in a header portion of said transitional offset packet.
 - 13. The method of claim 1, wherein said transitional extent is determined with respect to a packet offset parameter.

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14. The method of claim 10, wherein said transitional extent is determined with respect to a packet offset parameter comprising an asserted discontinuity flag in a header portion of said transitional offset packet.

15. A method for receiving a migrated user, comprising:

receiving a transitional extent identifier, an extent deadline and a content identifier;

determining if the identified transitional extent of the identified content may be accessed prior to said extent deadline; and

in the event of a favorable determination, accessing said transitional extent and providing a message indicative of acceptance of said user.

16. The method of claim 15, wherein, in the event of an unfavorable determination:

communicating an alternate transitional extent identifier to a source server module; and

accessing said identified content stream beginning with said alternate transition extent.

Apparatus, comprising: 17.

a plurality of server modules, each of said server modules having associated with it a respective mass storage device for storing content as respective sequences of extents;

a switch, for coupling content streams provided by said server modules to a transport processors, each of said transport processor; wherein

at least one content stream being provided to a user by a first server module is caused to be provided to said user by a second server module, an initial portion of said content stream provided by said second server module being defined by a transition;

said first and second server modules cooperating to define a transitional extent representing a first extent of said content stream to be provided by said second server module;

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in the case of a migration event, at least one content stream provided by a source server module, said failing server module are migrated to a nonfailing server module such that subscribers receiving said content streams receive substantially uninterrupted service.

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- 18. The apparatus of claim 17, wherein in response to a failure, over utilization or load imbalance condition, at least a portion of the content streams provided by said server module are migrated to a non-over utilized server module such that subscribers receiving the content streams provided by said failing server module are migrated to a non-failing server module such that subscribers receiving said content streams receive substantially uninterrupted service.
- 19. The apparatus of claim 18, wherein said mass storage device comprises an array of storage devices for storing said content in a striped manner, said content being distributed among said array of devices according to a sequence of extents.